

```

bcl-2A:      2020  tggatccaggataacggaggctgggcatgcctttgtggaact  2060
                |||||*|||*|||*|||*|||
bcl-xL:      675   tggatccaggagaacggcgctgggatacttttgtggaact  715
Examples:    3' ACCTAGGTCCTBTTGCCBCC
                3' GGTCTCTBTTGCCBCCGACCC
                3' CCTBTTGCCBCCGACCCTAPGKAAACACC
                3' GCCBCCGACCCTAPGKAAAC
                3' BCCGACCCTAPGK
                3' ACCCTAPGKAAACACCTTGA

```

FIG. 1

Homology region One (PKCa, PKCt, PKCd):

alpha: 1276 atggaatatgtcaacgggtggggacctcatgtaccacat 1313
||||| | ||||||| ||||||| | |||||||||
theta: 1393 atggagtacctcaacggaggggacttaatgtaccacat 1430
||||| | ||||||| ||||||| | |||||||
delta: 1337 atggagttcctcaacgggggggacctgatgtac 1369
Examples: 3'CCTPABKBAGTTGCCBCCC
3'GCCBCCCCTGKABTACATG

Homology region Two (PKCa, PKCt, PKCd):

alpha: 1398 aggaatcatttatagggatctgaagttagataacgtcatgttgattcagaaggacatat 1457
|| || | || ||||| || || | || || | || || || ||
theta: 1515 aggaatagtctacagggacctgaagctagataaacatcctgttagacaaagatggacatat 1574
|| || | || ||||| || || | || || | || || || ||
delta: 1459 gggcatcatttacagggacctcaaactggacaatgtgctgttgaccgggatggccacat 1518
Examples: 3TCCCTKGABTTPKAKCTKTT
3'ACAAPCTKBBPCTBCCBGT
alpha: 1458 caaaattgctgactttgggatgtgcaaggaaacacatgatggatggagtcacgaccaggac 1517
||| || || || ||||| ||||||| || |||| | | | | ||
theta: 1575 caagatcgcggtattttggaatgtgcaaggagaacatgttaggagatgccaagacgaatac 1634
||| || || || ||||| ||||||| |||| | | | | ||
delta: 1519 caagattgccgactttgggatgtgcaagagaacatattcggggagagccggggccagcac 1578
Examples: 3'CGBCTKAAACCPACACG
3'PTACACGTTCTPBTGTGA
3'CACGTTCTPBTGTAPB

alpha: 1518 cttctgtgggactccagattatatcgccccagagat 1553
||||| || || || || || ||||| |||||
theta: 1635 cttctgtgggacacctgactacatcgccccagagat 1670
||||| || || || || || ||||| |||||
delta: 1550 cttctgcggcaccctgactatatcgcccctgagat 1614
Examples: 3'GAAGACKCCBTGBGGACT
3'KATKTAGCGGKGBCTCT

FIG.2

bcl-2B: 116 gttggcccc¹gttgc¹tttctctggaaggatggcgacgctgggagaacgggtacga 175
 |||||
 bcl-2C: 1 gttggccccg¹ttact¹tttctotgggaaatatggcgacgctgggagaacagggtacga 60
 Examples: 3'GGGCAAPGAAAAGGAGAC
 3'CCTTPBTACCGCGTGCGACCC
 3'CCCTCTTG¹PCCCATGCT
 3'CGA-

bcl-2B: 176 caaccgggagatagtgatgaagtacatccattataagctgtcgagaggggctacgagt 235
 |||||
 bcl-2C: 61 taaccgggagatagtgatgaagtacatccattataagctgtcgagaggggctacgagt 120
 Examples: -KTGGCCCTCTATCAC

bcl-2B: 236 ggatgcgggagatgtgggcgcgcgccccgggggcgcgcgcgcacgggcatcttctc 295
 |||||
 bcl-2C: 121 ggatgcgggagatgtgggcgcgcgccccgggggcgcgcgcgcacgggcatcttctc 180
 Examples: 3'GGGCGPGGCCCGTAGAAG
 3'GAG-

bcl-2B: 296 ctccagccccgggcacacgccccatccagcgcacccgcgacccggctcgccaggacctc 355
 |||
 bcl-2C: 181 ctgcgagccccgggcacacgccccatacagcgcacccgggacccggctcgccaggacctc 240
 Examples: -GAGBGTGCGGCCCGT
 ###3'GGGCCPGTGTGPGKGGTA###
 3'GGGTABGTGCGCGTAGG
 3'CGTAGGGCBCTGGGCC

bcl-2B: 356 gccgctgcagaccccggtgccccgggcgcgcgcgcggggcctgcgctcagcccggtgcc 415
 |||||
 bcl-2C: 241 gccgctgcagaccccggtgccccgggcgcgcgcgcggggcctgcgctcagcccggtgcc 300
 Example: ###3'CGTCTGKGCCGACGGKGG###
 ###3'GGCPGPGGPGGPGCCCPG###

bcl-2B: 416 acctgtggtccacctggccctccgccaagcggcgacgacttctcccgccgctaccgcgg 475
 |||||
 bcl-2C: 301 acctgtggtccacctgacctccgcccaggccggcgacgacttctcccgccgctaccgcgg 360
 Examples: 3'AGGTGGACPGGGAGGC
 3'GGCGGT¹PCGGCCGC
 3'GGCGBC-

bcl-2B: 476 cgacttcgccgagatgtccagccagctgcacctgacgcccttcaccgcgcggggacgctt 535
 |||||
 bcl-2C: 361 cgacttcgccgagatgtccaggcagctgcacctgacgcccttcaccgcgcggggacgctt 420
 Examples: -CGTGAAGCGGCTC
 3'CTGGTCBGTCGACGTGG

FIG.3